

| Uncertainty source                       | $\Delta SF / (\Delta SF)_{\text{tot}}$ |
|--|--|
| Statistical                              | 49%                                    |
| Theory                                   |  |
| Fraction of jet flavours                 | 30%                                    |
| ISR and FSR in parton shower             | 10%                                    |
| Experimental                             |  |
| Effect of varying sfBDT thresholds       | 38%                                    |
| Effect of applying “reweighting schemes” | 64%                                    |
| Jet energy scale and resolution          | 6.4%                                   |
| Integrated luminosity                    | 1.0%                                   |
| Pileup reweighting                       | 7.4%                                   |